

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD10 (1971): Dimensions of Semiconductor Devices,
Device Outline OD10 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

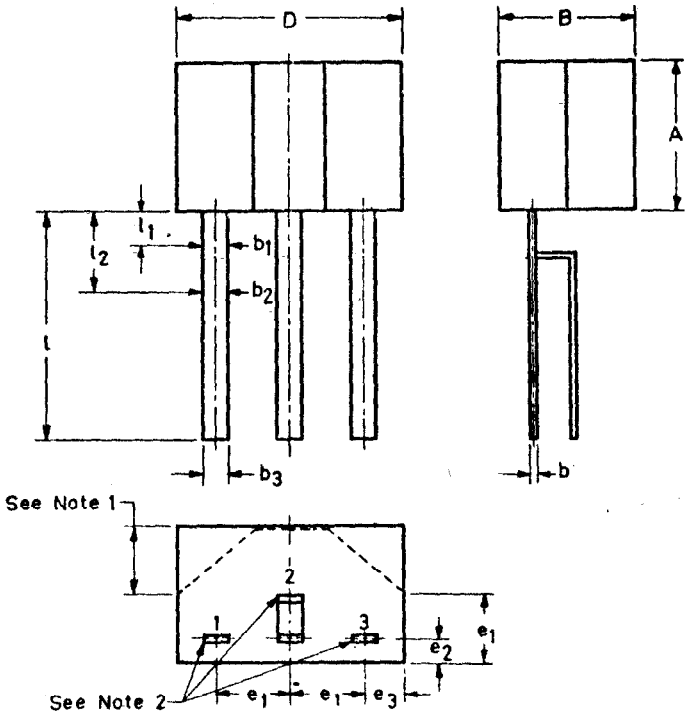
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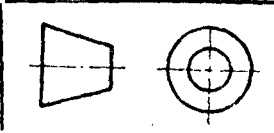


Indian Standard
DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD10

1. Dimensions—This drawing has been prepared in accordance with IS: 5001-1969 'Guide for preparation of drawings of semiconductor devices'.



Reference	Millimetres			Notes
	Min	Nom	Max	
A	—	—	5.1	—
B	—	—	4.6	—
b	—	0.2	—	—
b ₁	—	—	—	4
b ₂	—	—	—	4
b ₃	—	—	—	4
D	—	—	7.6	—
e ₁	—	2.54	—	—
e ₂	—	—	1.1	—
e ₃	—	—	1.3	—
l ₁	—	—	—	4
l ₂	—	—	—	4
l	12.7	—	—	—



Adopted 4 February 1971

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Gr 1

IS : 5000 (OD10) - 1971

Note 1 — The contour of the outline in this zone is not defined.

Note 2 — In Type A configuration, terminal 1 is base, terminal 2 is emitter and terminal 3 is collector.

In Type B configuration, terminal 1 is emitter, terminal 2 is base and terminal 3 is collector.

Note 3 — The lead provided should also be capable of being fitted into printed boards having specified hole diameters.

Note 4 — Dimensions b_1 , b_2 and b_3 should be indicated at the end of length l_1 , l_2 and l to take care of stepped, tapered dimensions of the lead.

These dimensions should be specified by the manufacturer depending on the lead configuration and the hole diameter of printed board specified (see Note 3).

2. Rules for Coding — See 8.1 of IS: 5001-1969.

3. Equivalent Designation Code Followed by Other Countries and Organizations — (Under consideration).